AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A heat sensitive flow meter for measuring a flow rate of a fluid passing through a suction pipe provided in an internal combustion engine, comprising:

a filter means for inputting a flow rate signal outputted from a flow rate detectorion means installed within the suction pipe and subjecting the flow rate signal to a filter processing; and

a select<u>orion means</u> for comparing the flow rate signal outputted from the flow rate detect<u>orion means</u> and a filter signal outputted from the filter means to select the signal having a higher voltage from the flow rate signal and the filter signal as a new flow rate signal.

- 2. (currently amended): A heat sensitive flow meter according to claim 1, wherein the filter means-is comprised of a low-pass filter, and the filter processing is a processing for delaying the flow rate signal with a predetermined time constant.
- 3. (currently amended): A heat sensitive flow meter according to claim 1, wherein the filter means is comprised of a high-pass filter, and the filter processing is a processing for advancing the flow rate signal with a predetermined time constant.
- 4. (currently amended): A heat sensitive flow meter according to claim 1, wherein the filter processing executed by the filter means is a processing for arithmetically operating a value lower than a mean value of the flow rate signal by a predetermined value to output the resultant value.

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- 5. (currently amended): A method in In a heat sensitive flow meter for measuring a flow rate of a fluid passing through a suction-pipe provided in an internal combustion engine, the improvement comprising: a step of comparing a flow rate signal outputted from a flow rate detection means installed within the suction pipe and a filter signal obtained by subjecting the flow rate signal to a filter processing using a previously set filter function, to and selecting the signal having a higher voltage from the flow rate signal and the filter signal as a new flow rate signal.
- 6. (currently amended): A heat sensitive flow meter according to claim [[6]]5, wherein the filter processing is a processing for delaying the flow rate signal with a predetermined time constant.
- 7. (original): A heat sensitive flow meter according to claim 5, wherein the filter processing is a processing for advancing the flow rate signal with a predetermined time constant.
- 8. (original): A heat sensitive flow meter according to claim 5, wherein the filter processing is a processing for arithmetically operating a value lower than a mean value of the flow rate signal by a predetermined value to output the resultant value.
- 9. (currently amended): [[A]]In a heat sensitive flow meter for measuring a flow rate of a fluid passing through a suction-pipe provided in an internal combustion engine, the improvement comprising:
- a judgement step of receiving data on a throttle aperture of the internal combustion engine and data on the number of revolutions of the internal combustion engine, to and judgeing whether or not the throttle aperture is equal to or larger than a set value for the throttle aperture previously set in correspondence to the number of revolutions; and

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a selection step of, when the throttle aperture is equal to or larger than the set value, judging whether or not a value of a flow rate signal outputted from the flow rate detection means installed within the suction-pipe is equal to or smaller than a set value for a flow rate signal previously set, and to selecting the set value as a new flow rate signal when the value of the flow rate signal is equal to or smaller than the set value.

10. (currently amended): A-In a heat sensitive flow meter for measuring a flow rate of a fluid passing through a suction-pipe provided in an internal combustion engine, the improvement comprising:

a judgement step of receiving data on a suction-pressure within the suction-pipe and data on the number of revolutions of the internal combustion engine to judge whether or not the suction-pressure is equal to or larger than a set value for the suction-pressure previously set in correspondence to the number of revolutions; and

a selection step of, when the suction-pressure is equal to or larger than the set value, judging whether or not a value of a flow rate signal outputted from a flow rate detection means installed within the suction-pipe is equal to or smaller than a set value for the flow rate signal previously set, and to-selecting the set value as a new flow rate signal when the value of the flow rate signal is equal to or smaller than the set value.

11. (currently amended): A fuel controller for carrying out fuel controller control using the heat sensitive flow meter as claimed in claim 1.